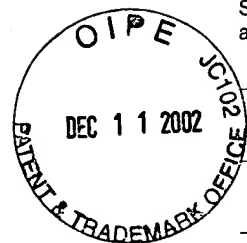


S.N. 09/681,374

RD-27,727

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#5/2875
1/2/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
XIAO-DONG SUN et al.
Serial No. 09/681,374
Filed: March 27, 2001

: Group Art Unit: 2875
: Examiner: PETER J. MACCHIAROLO
: Response to Paper No. 4

For: ELECTRON EMITTER INCLUDING CARBON
NANOTUBES AND ITS APPLICATION IN GAS
DISCHARGE DEVICES

RECEIVED
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REPLY TO OFFICE ACTION UNDER 37 C.F.R. § 1.111(a)

HONORABLE ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231

Sir:

Please amend the above-identified application as follows:

In the Specification:

Please amend paragraph 8 to read as follows:

-- In general, the present invention provides a composition for electron emitters or cathodes of gas discharge devices that can overcome many disadvantages of cathodes of prior-art devices. In the present disclosure, "electron emitters" and "cathodes" are used interchangeably to mean devices, apparatuses, or structures that are capable of providing a stream or a burst of free electrons. The composition of the present invention comprises a

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